

WHAT IS CLAIMED IS:

1. A shoe structure comprising:

an outsole having an end connected to a heel portion;

a midsole having a support member supported to an underside of the

5 midsole, the support member having a side wall extending perpendicularly from a
periphery thereof and located at a rear end of the midsole, a connection piece
having spikes which penetrate through the midsole and the support member and
being connected to a top of the heel portion;

an insole laminated on the midsole, and

10 a vamp securely connected to a periphery of the outsole.

2. The shoe structure as claimed in claim 1, wherein the support member
is made of composite fibers.

3. The shoe structure as claimed in claim 1, wherein the midsole and the
support member are made to be a one-piece member.

15 4. The shoe structure as claimed in claim 1, wherein the side wall of the
support member is adapted to extend to a plantar arch of wear's foot.

5. The shoe structure as claimed in claim 1, wherein the support member
is made of thermosetting plastic.

6. The shoe structure as claimed in claim 1, wherein the support member
20 is made of thermo-plastic.

7. The shoe structure as claimed in claim 2, wherein the composite fibers
of the midsole are woven with each other and the outsole is made of transparent
material.

8. The shoe structure as claimed in claim 1, wherein the insole on the midsole is in flush with a top edge of the side wall of the support member.